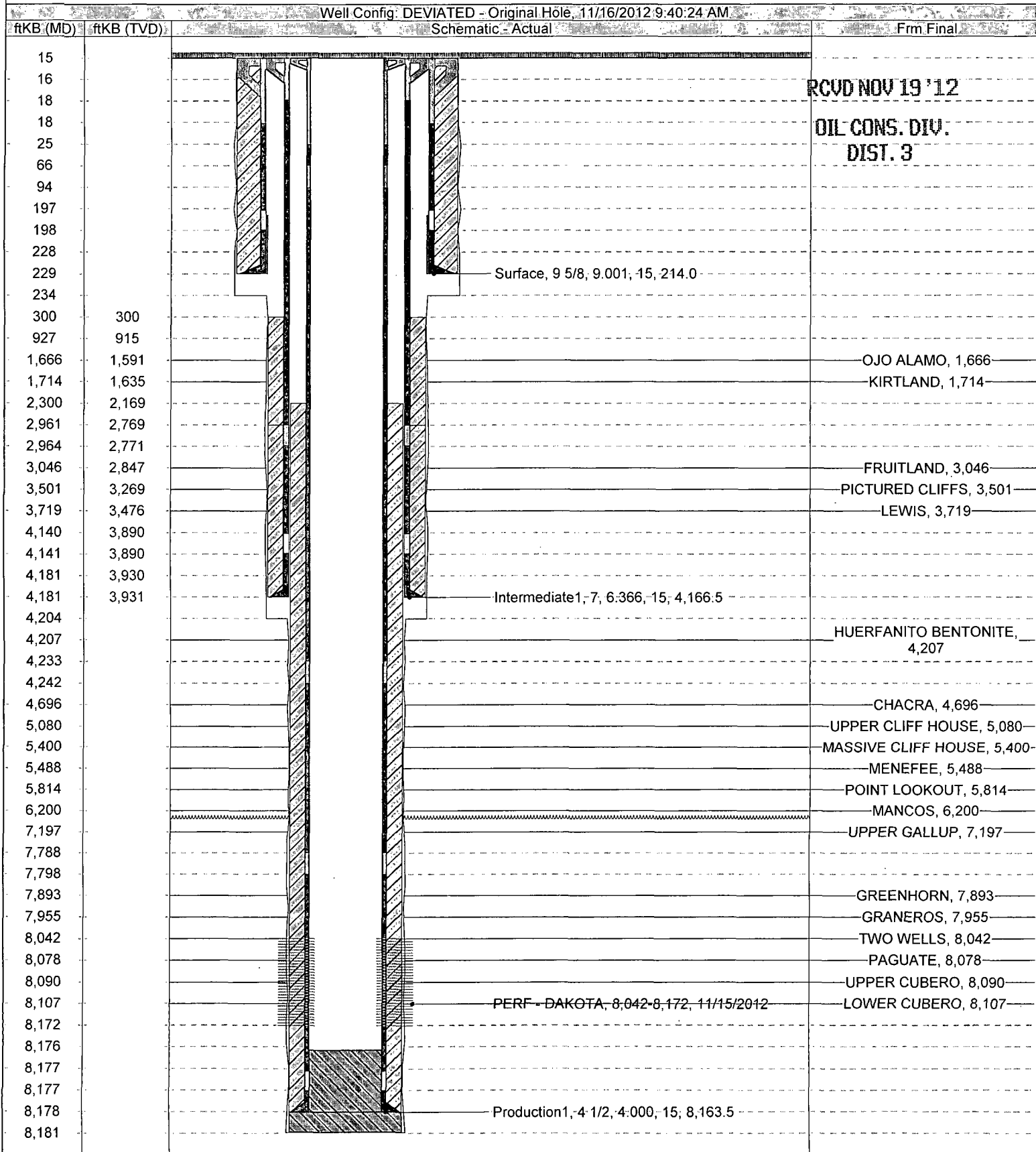


District NORTH	Field Name MV/MNCS/DK	County SAN JUAN	State/Province NEW MEXICO	API / UWI 3004535196
Original Spud Date 10/15/2012	Surface Legal Location 011-032N-011W-P	East/West Distance (ft) 932.00	East/West Reference FEL	North/South Distance (ft) 905.00
				North/South Reference FSL



INTEROFFICE MEMO

TO: Records & Regulatory

DATE: 11/8/2012

FROM: Sharon Nez

LOCATION: Farmington, N.M.

Final Geologic Summary

Well Name & No.: Waller 1B API: 3004535196

Location: SE Section 11 Twp. 32N Rge. 11W

County & State: San Juan, New Mexico

Elevation: GL: 6563' KB: 6578'

Tops From: X Wireline Log X Mudlog Correlation

Ojo Alamo	<u>1666'</u>	Chacra	<u>4696'</u>	Greenhorn	<u>7893'</u>
Kirtland	<u>1714'</u>	Upper Cliff House	<u>5080'</u>	Graneros	<u>7955'</u>
Fruitland	<u>3046'</u>	Massive Cliff House	<u>5400'</u>	Dakota (Two Wells)	<u>8042'</u>
Pictured Cliffs	<u>3501'</u>	Menefee	<u>5488'</u>	Paguate	<u>8078'</u>
Lewis	<u>3719'</u>	Point Lookout	<u>5814'</u>	Upper Cubero	<u>8090'</u>
Huerfanito Bentonite	<u>4207'</u>	Mancos	<u>6200'</u>	Lower Cubero	<u>8107'</u>
		Upper Gallup	<u>7197'</u>	Oak Canyon	<u>n/a</u>
				Encinal	<u>not logged</u>
				Burro Canyon	<u> </u>
				Morrison	<u> </u>
				OHTD	<u>8181'</u>
				LTD	<u>8160'</u>

Electric Logs Run: Cement Bond Log w/ Gamma Ray, VDL and Casing Collars

Well Cored? X No Yes

Well DST'd? X No Yes

Geologist: Sharon Nez